

AMENDMENTS TO THE CLAIMS

The following claims replace all prior versions and listing of claims in the application:

1 (cancelled).

2 (currently amended). A screen printing [apparatus] process for pattern forming of a printing paste [on] through a screen printing plate onto a substrate to be printed by moving a squeegee in a predetermined direction, comprising:

a step of providing a squeegee having a front surface integrally formed by a hard thin plate;

a step of moving upward the squeegee so as to open a printing paste supply port;

a step of pressurizing a container in which the printing paste is charged so as to supply a predetermined amount of printing paste to the screen printing plate through the printing paste supply port;

a step of moving downward the squeegee after supplying the predetermined amount of printing paste so as to close the printing paste supply port and simultaneously arranging said squeegee on a screen printing plate;

a step of printing with the hard thin plate side of the [elastic] squeegee by moving the squeegee in a predetermined direction along the screen printing plate [in which a front surface is integrally formed by a hard thin plate]; and

a step of scraping up [the] any printing paste remaining on the screen

printing plate after said printing step, by using a scraper after printing, whereby the pattern forming [printing] is carried out by repeating these steps.

3 (withdrawn). A screen printing apparatus in which a bag-like container charged with a printing paste is manufactured by a step of welding three peripheral portions, a step of cutting an inner side of one end among three welded portions, a step of again welding a closest outer side in the cut portion, a step of bonding the cut portion by an adhesive tape, a step of charging the paste, and

a step of welding the remaining peripheral one, the bag-like container charged with the printing paste is inserted to a cartridge and set in the screen printing apparatus together with the cartridge, and the printing is carried out after the adhesive tape bonding the cut portion being peeled off.